

**TABLE 3.2-5**  
**Soil Series Data**  
**Umatilla Generating Project**

Series Name	Map Symbol	Slope (%)	Soil Drainage	Soil Characteristics									Capability Unit <sup>2</sup>	
				Depth To High Water Table (feet)	Runoff Potential	Water Erosion Hazard	Wind Erosion Hazard	Rock in Subsoil <sup>1</sup> (percent)	Depth to Bedrock (inches)	Surface Horizon pH	Hydric Soil	Prime Farmland	Nonirrigated	Irrigated
Adkins fine sandy loam	1b	0 - 5	Well drained	>6.0	Slow	Slight	Moderate	0	>60	6.6-7.8	No	Yes	IVe	Ile
Adkins fine sandy loam, gravelly substratum	2b	0 - 5	Well drained	>6.0	Slow	Slight	Moderate	0 - 15	>60	6.6-7.3	No	Yes	IVe	Ile
Adkins fine sandy loam, gravelly substratum	2c	5 - 25	Well drained	>6.0	Medium	Moderate	Moderate	0 - 15	>60	6.6-7.3	No	No	IVe	IVe
Burbank loamy fine sand	14b	0 - 5	Excessively drained	>6.0	Slow	Slight	High	15 - 50	>60	7.4-8.4	No	No	VIIe	IVe
Pits, gravel	70	--	--	--	--	--	--	0	--	--	No	No	--	--
Quincy fine sand	74b	0 - 5	Excessively drained	>6.0	Slow	Slight	Very high	0	>60	6.1-8.4	No	No	VIIe	IVe
Quincy loamy fine sand	75b	0 - 5	Excessively drained	>6.0	Slow	Slight	High	0	>60	6.1-8.4	No	No	VIIe	IVe
Quincy loamy fine sand	75e	5 - 25	Excessively drained	>6.0	Slow	Slight	High	0	>60	6.1-8.4	No	No	VIIe	IVe
Quincy loamy fine sand, gravelly substratum	76b	0 - 5	Excessively drained	>6.0	Slow	Slight	High	0 - 15	>60	6.6-7.8	No	No	VIIe	IVs
Quincy loamy fine sand - Eroded	77c	0 - 25	Excessively drained	>6.0	Slow	Slight	Very high	0	>60	6.1-8.4	No	No	VIIe	IVe
Taunton fine sandy loam	95b	1 - 7	Well drained	>6.0	Slow	Slight	Moderate	0	>60	7.4-8.4	No	No	VIe	IVe
Xerofluvents	126a	0 - 3	Somewhat poorly drained to excessively drained	--	Slow	Slight	--	--	--	--	No	No	VIIw	--
Xerollic Durorthids	127f	30 - 60	Well drained	--	Rapid	High	Moderate	--	--	--	No	No	VIIe	--

Notes:

<sup>(1)</sup> Percentage shown is for rock fragments greater than 3 inches in size.

<sup>(2)</sup> The Capability Unit of the soil describes the suitability of the soil for agricultural use. The soils are graded on a I to VIII scale, with increasing value representing progressively greater limitations and narrower choices for practical use. Subclass designation of the small letter e indicates that the main limitation of the soil is the risk of erosion unless close-growing plant cover is maintained.